

In the Claims:

Please amend claims 159, 174, 177, 178, 179, and 180 as follows:

159. (Amended) The process for treating a material of claim 158, wherein each of said two or more semiconductor nanocrystal probes comprises:

- (a) a semiconductor nanocrystal capable of providing a second energy that is the same as that of the semiconductor nanocrystals of which the others of said two or more semiconductor nanocrystal probes are comprised;
- (b) a semiconductor nanocrystal capable of providing a second energy that is distinguishable from that of the semiconductor nanocrystals of which at least one of the others of said two or more semiconductor nanocrystal probes are comprised; or
- (c) a combination of semiconductor nanocrystals capable of providing a second energy that is the same as or that is distinguishable from that of the semiconductor nanocrystals of which at least one of the others of said two or more semiconductor nanocrystal probes are comprised.

174. (Amended) The process for treating a material of claim 173, wherein said two or more substructures each comprise one layer in a layered structure.

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177. The process for treating a material of claim 176, wherein each of said one or more affinity molecules comprises a molecule of one or more strands of nucleic acid.

178. The process for treating a material of claim 177, wherein each of said one or more detectable substances comprises a molecule of one or more strands of nucleic acid with which said probe bonds.

179. The process for treating a material of claim 176, wherein each of said one or more affinity molecules comprises a protein.

180. The process for treating a material of claim 179, wherein the protein is an antibody.

REMARKS

Claims 156-180 were added to the application by Preliminary Amendment dated February 12, 2001. This amendment amends claims 159, 174, 177, 178, 179, and 180 first introduced into this application by that Preliminary Amendment. The amendment to claim 159 changes the subheadings of the three steps from α , β , and γ to a, b, and c, respectively. The amendments to claims 174, 177, 178, 179, and 180 correct the dependency of these claims. The amendments do not add new matter.